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Cat. No. 43-776

**OWNER'S MANUAL**

Please read before using this equipment.

# TAD-1017

## 900 MHz Cordless Telephone

with Digital Answering System

RadioShack®

# FEATURES

Your RadioShack TAD-1017 900 MHz Cordless Telephone with Digital Answering System uses advanced analog cordless telephone technology to give you superior audio quality. Its cordless operation lets you move freely around your home or office.

The TAD (Telephone Answering Device) stores up to 20 minutes of messages on a computer chip. This gives you advanced capabilities over tape-based answering machines. For example, you can delete individual messages and save the rest. Because your TAD is fully digital, there are no tapes to bother with, no tape mechanisms to wear out, and no lost messages if power fails.

The remote operation feature lets you access your TAD from a touch-tone phone, and guides you through system operation with voice prompts.

## Telephone Features

**900 MHz Operation** — provides longer range and less interference than many other cordless phones.

**40 Channels** — let you change to another channel if you hear interference.

**Security Access-Protection Code** — minimizes the chances of other cordless phones using your phone line.

**Headset Jack** — lets you connect an optional headset for hands-free convenience.

**Redial** — lets you quickly dial the last number dialed.

**10-Number Memory Dialing** — lets you store up to 10 phone numbers in memory for easy dialing.

**Paging System** — lets you send a signal from the base to the handset so you can page someone or easily locate the handset when it is away from the base.

**Flash** — sends an electronic switchhook signal for use with special phone services such as Call Waiting.

**Tone or Pulse Dialing** — lets you use your phone with either type of service.

## TAD Features

**Date/Time Stamp** — records the day and time each message was recorded.

**Digitally-Synthesized Voice** — guides you through operation of the system.

**Digital Volume Control** — lets you adjust the volume of incoming message playback.

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**Prerecorded Messages** — give you the option of using existing outgoing messages or recording your own.

**Announcement Only** — lets you play an announcement for callers to hear, without recording their messages.

**LED Digital Message Counter** — shows the number of messages the TAD has recorded.

**Remote Operation** — lets you use a touch-tone phone (or rotary phone and pocket tone dialer) to operate the TAD while you are away from your home or office.

**Programmable PIN** — you can set a two-digit personal identification number (PIN) for secure remote operation.

**Remote Answer-On** — lets you call the TAD from a remote location even when it is not set to answer calls.

**Call Screening** — lets you listen as a caller leaves a message so you can decide whether or not to answer the call.

**Memo Recording** — lets you leave messages for yourself or others in your home or office.

**Adjustable Ring Number** — lets you set the TAD to answer after three or seven rings.

**Toll-Saver** — lets you avoid unnecessary long-distance charges when you call by long distance to check your messages.

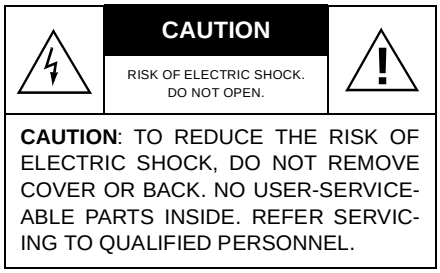
**Phone Pick-Up Detection** — stops recording when you pick up any phone on the same line as the TAD, and resets to answer the next call.

We recommend you record the telephone's serial number here. The number is on the bottom of the base.

Serial Number _____

This TAD has been tested and found to comply with all applicable UL and FCC standards.

**Warning**: To prevent fire or shock hazard, do not expose this product to rain or moisture.




**CAUTION**: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.

This symbol is intended to alert you to the presence of uninsulated dangerous voltage within the product's enclosure that might be of sufficient magnitude to constitute a risk of electric shock. Do not open the product's case.

This symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.

**Important:**

- Cordless phones such as this one require AC power to operate. When AC power is off, you cannot dial out or receive incoming calls using your TAD-1017. For this reason, the TAD-1017 should not be your only telephone. To be safe, you should also have a phone that does not require AC power to operate (not a cordless phone) so you can still make and receive calls if there is an AC power failure.
- Your telephone operates on standard radio frequencies, as allocated by the FCC. Even though the security access-protection code prevents unauthorized use of your phone line, it is possible for other radio units operating on similar frequencies within a certain area to unintentionally intercept your conversations and/or cause interference. This lack of privacy can occur with any cordless phone.
- When AC power is lost, the TAD-1017 loses the security access-protection code connection between the base and the handset. When power is restored, put the handset on the base briefly to restore this connection so you can use the handset.

## READ THIS BEFORE INSTALLATION

Your telephone conforms to federal regulations, and you can connect it to most telephone lines. However, each device you connect to the phone line draws power from the phone line. We refer to this power draw as the device's *ringer equivalence number*, or REN. The REN is on the label on the back of the base.

If you are using more than one phone or other device on the line, add up all the RENs. If the total is more than five, your phone might not ring and your answering system might not answer. In rural areas, a total REN of three might impair ringer operation. If ringer operation is impaired, remove a device from the line.

## FCC STATEMENT

This telephone complies with Part 68 of *FCC Rules*. You must, upon request, provide the FCC Registration Number and the REN to your phone company. These numbers are on the label on the back of the base.

You must not connect your phone to any of the following:

- Coin-operated systems
- Party-line systems
- Most electronic key phone systems

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# INSTALLATION

## SELECTING A LOCATION

You can place the TAD-1017's base on a desk or table, or mount it on a wall. Select a location that is:

- Near an AC outlet
- Near a telephone line jack
- Away from electrical machinery, electrical appliances, and metal walls or filing cabinets
- Away from wireless intercoms, alarms, room monitors, and other cordless telephones

The base's location affects the phone's range. If you have a choice of several locations, try each to see which provides the best performance.

**Caution:** The supplied RadioShack adapter is designed specifically for your TAD-1017. Use only the supplied adapter.

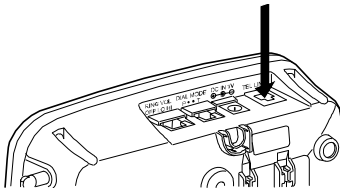
**Notes:**

- Your telephone connects directly to a modular telephone line jack. If your phone line jack is not a modular jack, you can update the wiring yourself, using jacks and adapters available at your local RadioShack store. Or, you can let the phone company update the wiring for you.
- The USOC number of the jack to be installed is RJ11C (RJ11W if you want to mount the phone on a wall plate).

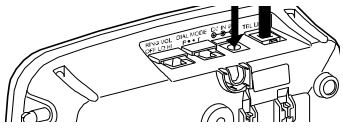
### Placing the Base on a Desk Top

Follow these steps when you place the base on a desk, shelf, or table.

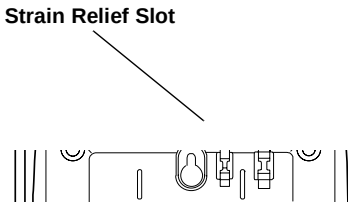
1. Plug one end of the supplied long modular cord into the **TEL LINE** jack on the back of the base.



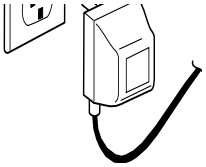
2. Plug the modular cord's other end into a modular phone line jack.
3. Insert the supplied AC adapter's barrel plug into the **DC IN 9V** jack on the back of the base.



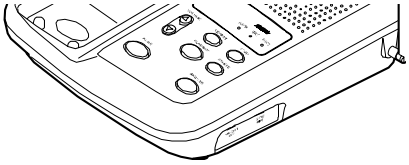
4. Route the adapter's cord through the strain relief slot on the base.




5. Plug the adapter into a standard AC outlet. The POWER indicator on the base lights.

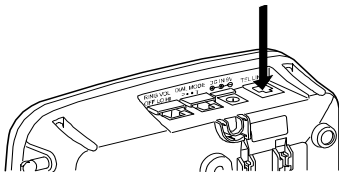


6. Lift the base's antenna to a vertical position.

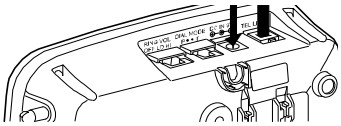


## Mounting the Base on a Wall Plate

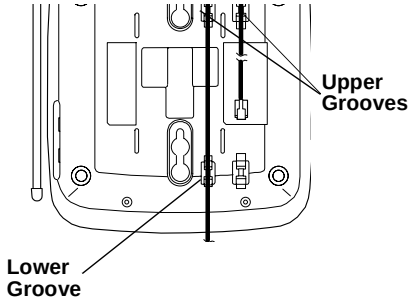
1. Plug one end of the supplied short modular cord into the **TEL LINE** jack on the back of the base.



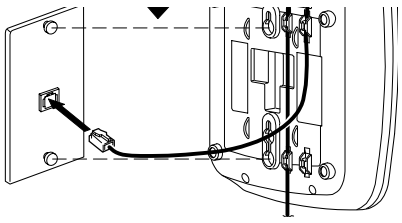
2. Insert the supplied AC adapter's barrel plug into the **DC IN 9V** jack on the back of the base.



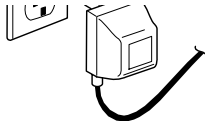
3. Route the adapter's cord through the upper and lower grooves and the modular cord through only the upper groove on the bottom of the base.




4. Plug the modular cord's other end into the wall plate jack, then align the base's keyhole slots with the wall plate studs and slide the base downward to secure it.

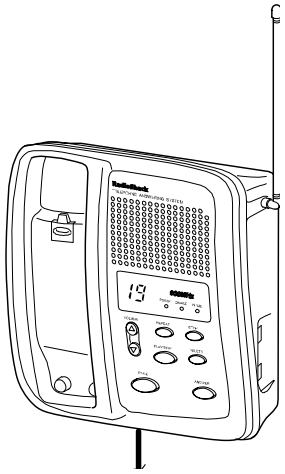


5. Plug the adapter into a standard AC outlet. The POWER indicator on the base lights.



6. Press and lift out the handset holder, rotate it 180°, then snap it back into place so it holds the handset.

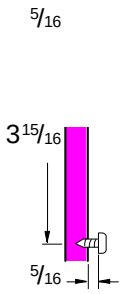
7. Raise the base's antenna to a vertical position.



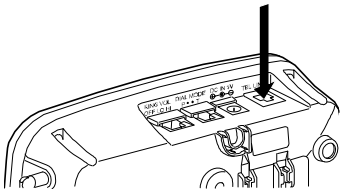
## Mounting the Base Directly on the Wall

To mount the base directly on the wall, you need two wood screws (not supplied) with heads that fit into the keyhole slots on the bottom of the base.

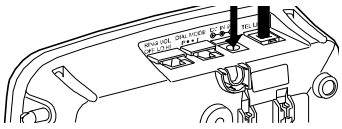
1. Drill two holes $3\frac{15}{16}$ inches apart. Then thread a screw into each hole, letting the heads extend about $\frac{5}{16}$ inch from the wall.



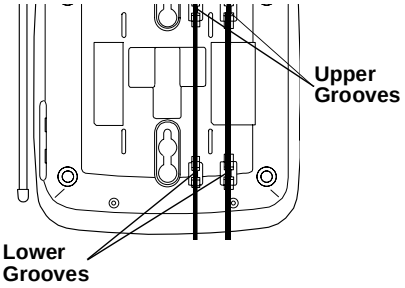

2. Plug one end of the modular cord into the **TEL LINE** jack on the back of the base.



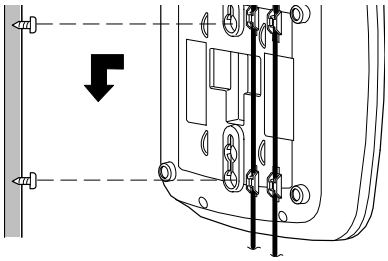
3. Plug the supplied AC adapter's barrel plug into the **DC IN 9V** jack.



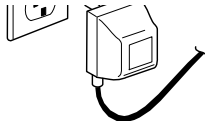
4. Route the adapter and modular cords through the upper and lower grooves on the bottom of the base.



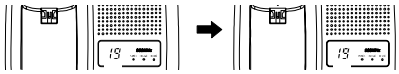

5. Align the keyhole slots with the mounting screws and slide the base downward to secure it.



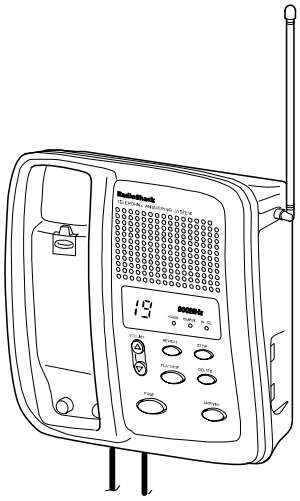
6. Plug the adapter into a standard AC outlet. The POWER indicator on the base lights.



7. Plug the other end of the modular cord into a modular phone line jack.
8. Press and lift out the handset holder, rotate it 180°, then snap it back into place so it holds the handset.



9. Raise the base's antenna to a vertical position.

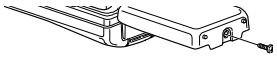


# PREPARATION

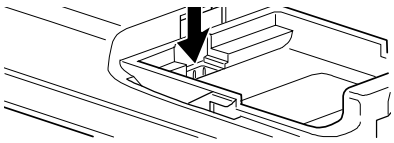
## CONNECTING AND CHARGING THE BATTERY PACK

The TAD-1017 comes with a re-chargeable nickel-cadmium battery pack installed in the handset but not connected. Before using your phone, you must connect the battery, then charge it for about 18 hours.

1. Use a Phillips screwdriver to remove the screw from the battery compartment cover on the bottom of the handset, then press down and slide off the handset's cover.

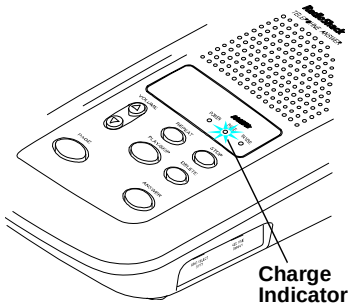


2. Plug the battery pack's plastic connector into the phone's socket. The connector fits only one way.



3. Replace the cover and tighten the screw.

4. To charge the battery pack, simply place the handset on the base. The CHARGE indicator on the base lights.

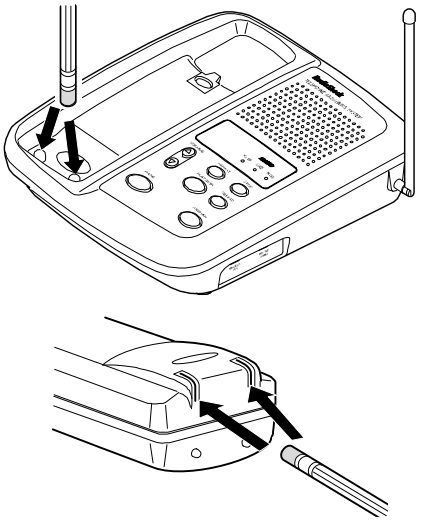



Recharge the battery pack when the TALK/BATT LOW indicator flashes.

**Notes:**

- If the CHARGE indicator does not light when you place the handset on the base, be sure the battery pack and AC adapter are correctly and securely connected.
- If the battery pack gets weak during a call, a beep sounds about every 30 seconds, and the TALK/BATT LOW indicator flashes. If this happens, you cannot make another call using the handset until you recharge the battery pack.

- When you first use the phone after charging or recharging the battery pack, the phone might not work and you might hear an error tone. If this happens, return the handset to the base for 5 seconds.
- If the battery pack loses its charge completely or the base loses power while the handset is away from it, the security access-protection code needs to be reset. To reset the security code, place the handset on the base. If it was the handset that lost power, leave the handset on the base to charge the battery pack.
- Using a pencil eraser, clean the charging contacts on the handset and the base about once a month to make sure they are not dirty or tarnished.

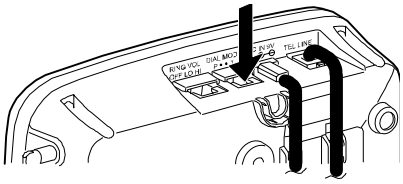


- About once a month, fully discharge the battery by keeping the handset off the base until the TALK/BATT LOW indicator lights. Otherwise, the battery pack loses its ability to fully recharge.
- If the TALK/BATT LOW indicator does not light, but the phone does not work, recharge the battery pack. (The battery charge might be too low to light the indicator.)
- The supplied battery pack should last about a year. When the battery pack loses its ability to fully recharge, order a replacement battery pack (see “Replacing the Battery Pack” on Page 32).

## SETTING THE DIALING MODE

Set **DIAL MODE** on the back of the base for the type of service you have. If you are not sure which type you have, after you charge the handset battery pack, do this simple test.

1. Set **DIAL MODE** to **T** (tone).



2. Lift the handset or press **TALK**, and listen for a dial tone.
3. Press any number other than **0**.

**Note:** If your phone system requires that you dial an access code (**9**, for example) before you dial an outside number, do not press the access code either.

If the dial tone stops, you have touch-tone service. Leave **DIAL MODE** set to **T**.

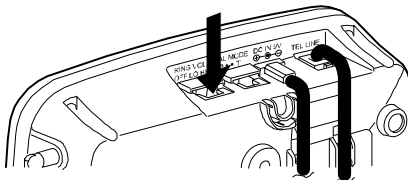
If the dial tone continues, you have pulse service. Set **DIAL MODE** to **P** (pulse).

4. To hang up, either place the handset on the base or press **TALK** on the handset.

## SETTING THE BASE'S RINGER VOLUME

You can make the base's ringer sound high or low. Set **RING VOL** on the back of the base to either **HI** or **LOW** as desired.

To turn off the base's ringer, set **RING VOL** to **OFF**. When a call comes in, the handset (if it is off the base) and any phone connected to the same line as the TAD-1017 still ring, but the base does not.



# TELEPHONE OPERATION

## MAKING AND RECEIVING CALLS

To make or answer a call, lift the handset. Or, if the handset is off the base, press **TALK**. The TALK/BATT LOW indicator on the handset and the IN USE indicator on the base light.

To end a call, place the handset on the base or press **TALK** on the handset.

**Note:** If you press **TALK** to hang up and the phone does not disconnect, press **TALK** again while holding the handset closer to the base or place the handset on the base.

## CHANGING THE CHANNEL

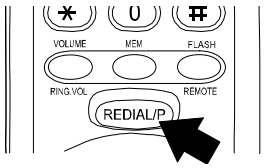
If you notice interference, static, or noise during a call, press **CH** (channel) on the handset to find a clearer channel.

The TAD-1017 changes to a different channel each time you press **CH**.

**Note**: If the handset is too far from the base, the channel might not change. Move closer to the base and try again.

## USING REDIAL

**REDIAL/P** lets you dial the last number dialed. When you hear a dial tone, simply press **REDIAL/P**.

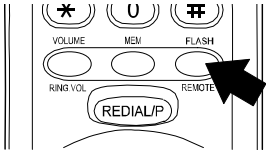



**Notes:**

- The redial memory holds up to 32 digits, so you can redial long-distance as well as local numbers.
- The redial memory also holds pause entries (see “Entering a Pause” on Page 18).
- The redial memory does not store a flash entry or any digits you press after **FLASH** (see “Using Flash” on Page 16).

## USING FLASH

**FLASH** performs the electronic equivalent of a switchhook operation for special services, such as Call Waiting.



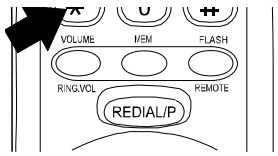

For example, if you have Call Waiting, press **FLASH** to answer an incoming call without disconnecting the current call. Press **FLASH** again to return to the first call.

**Note:** If you do not have any special phone services, pressing **FLASH** might disconnect the current call.

## USING TONE SERVICES ON A PULSE LINE

Some special services, such as bank-by-phone, require tone signals. If you have pulse service, you can still use these special tone services by following these steps.

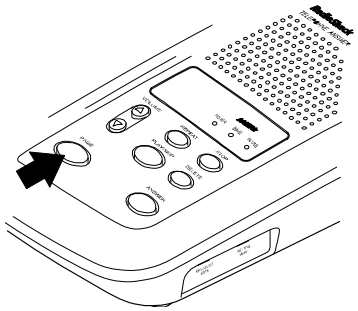
1. Be sure **DIAL MODE** is set to **P** (pulse).
2. Lift the handset from the base or press **TALK**.
3. Dial the service's main number.
4. When the service answers, press **TONE/✳**. Any additional numbers you dial are sent as tone signals.




5. After you complete the call, return the handset to the base or press **TALK**. The phone automatically resets to the pulse mode.

## PAGING

To send a page from the base to the handset, when the phone is not in use, press **PAGE** on the base. The handset beeps five times. If you hold down **PAGE** for more than 2 seconds, the handset beeps for 1 minute.

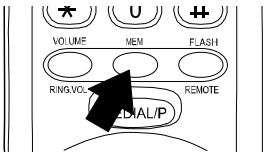


# MEMORY DIALING

You can store up to 10 numbers in memory, then dial a stored number by pressing a one-digit memory location number.

## Storing a Number in Memory

1. Lift the handset. If you hear a tone, press **TALK** to turn it off.
2. Press **MEM**. The TALK/BATT LOW indicator flashes.




3. Enter the number and any tone or pause entries (see "Using Tone Services on a Pulse Line" on Page 16 and "Entering a Pause" on Page 18).

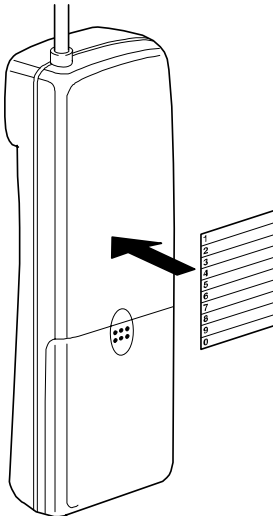
   **Notes:**

   - An error tone sounds and the phone exits the programming mode if you wait more than 20 seconds to press a key.
   - Each number you store can be up to 16 digits long.
   - Each tone or pause entry uses one digit of memory.

4. Press **MEM**, then enter a memory location number (**0**–**9**). A tone sounds to indicate that the number is stored.

   **Note:** If five quick beeps sound, you have made an entry error and the number was not stored. Start again from Step 2.

5. For each stored number, write the person's or company's name next to the appropriate location number on the supplied sticker. (Use a pencil in case you want to change the number later.) Attach the sticker to the phone.

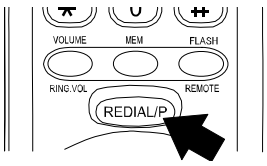


To erase a stored number, simply store a new number in its place. Or, press **MEM** twice, then press the memory location number (**0**–**9**) you want to clear. A tone sounds.

## Entering a Pause

In some telephone systems, you must dial an access code (**9**, for example) and wait for a second dial tone before you can dial an outside number. You can store the access code with the phone number. However, you should also store a pause after the access code to allow the outside line time to connect.

To enter a 2-second pause while storing a phone number, press **REDIAL/P**. For a longer pause, press **REDIAL/P** additional times.




## Dialing a Stored Number

To dial a stored number, lift the handset from the base or press **TALK**. When you hear a dial tone, press **MEM** and enter the memory location number for the number you want to dial.

## Chain-Dialing Service Numbers

When calling special services (such as alternate long distance or bank-by-phone), dial the service's main number first. Then, at the appropriate place in the call, press **MEM** and the number for the location where the additional information is stored.

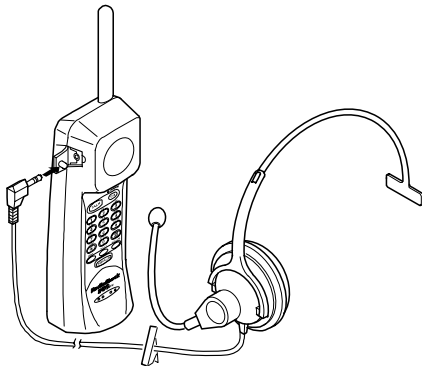
## Testing Stored Emergency Numbers

If you store an emergency service's number (police department, fire department, ambulance) and you choose to test the stored number, make the test call during the late evening or early morning hours to avoid peak demand periods. Also, remain on the line to explain the reason for your call.

## USING A HEADSET

You can make or answer calls with hands-free convenience using an optional headset that has a 3/32-inch plug. We recommend RadioShack Cat. No. 43-194, which is specially designed for use with the TAD-1017.

To connect the headset, pull open the rubber cover marked 🎧 on the side of the handset, then insert the headset's 3/32-inch plug into the jack.



**Notes**:

- Connecting a headset disconnects the handset's earpiece and microphone.
- If you place the handset on the base to recharge it while the headset is connected, be sure the handset seats properly.

With a headset connected, you make or answer calls as usual using the keys on the handset.

When you finish using the headset, disconnect it from the handset and close the rubber cover to protect the jack.

# TAD OPERATION

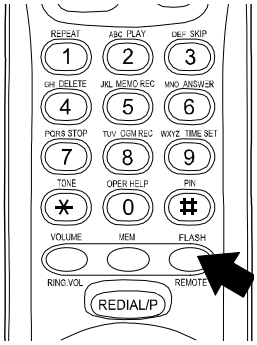
You use both the base and the handset to control the TAD. With the handset, you can set the day and time, change the remote operation personal identification number (PIN), record outgoing messages and memos, turn the TAD on and off, play messages, and delete messages.

At the base, you can set the number of rings before the TAD answers an incoming call, set the kind of outgoing message played and how long incoming messages can be, turn the TAD on and off, play and delete messages, and adjust the TAD's volume.

**Note:** While you are using the base to control the TAD, you can still answer incoming calls with the handset or another phone on the same telephone line.

## USING THE HANDSET TO CONTROL THE TAD

To control the TAD with the handset, lift the handset and, if the TALK/BATT LOW indicator lights red, press **TALK** to turn it off. Then press **FLASH/REMOTE**. The TALK/BATT LOW indicator on the handset lights green, and three bars flash on the display.




The TAD tells you the number of messages you have (if any), announces the help messages through the handset, then beeps when it is ready to accept a command.

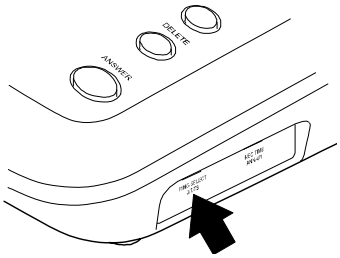
**Notes:**

- You can skip the message count and the help messages by immediately entering a command.
- If you need help during operation, press **HELP/0**. The TAD announces the help messages again.

When you finish operating the TAD, wait until the green TALK/BATT LOW turns off or press **FLASH/REMOTE** again so you can use the handset to make and receive calls.

## SETTING THE NUMBER OF RINGS

Set **RING SELECT** on the side of the base to **3**, **7**, or **TS** to select how long the TAD waits before it answers a call (3 rings, 7 rings, or toll-saver).

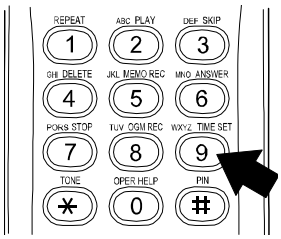



**Note:** If you plan to check your messages by long distance, set the number of rings to toll-saver (see "Using the Toll-Saver" on Page 27).

## SETTING THE DAY AND TIME

You must set the day and time so the TAD can record the correct day and time of each message.

1. Press **FLASH/REMOTE** on the handset so the TALK/BATT LOW indicator lights green.
2. Press **TIME SET/9** on the keypad.




Then enter the day of the week using the number keys.

| To Enter: | Press: |
|---|---|
| Sunday | **1** |
| Monday | **2** |
| Tuesday | **3** |
| Wednesday | **4** |
| Thursday | **5** |
| Friday | **6** |
| Saturday | **7** |

3. Using the number keys, enter the hour. Precede a single-digit hour with a zero.
4. Using the number keys, enter the minutes. Precede a single-digit minute with a zero.
5. Press * for AM or # for PM. A long beep sounds. The TAD announces the time you set through the handset, and then beeps until the TALK/BATT LOW indicator turns off.

**Notes:**

- The seconds start to count from 00 after you set AM or PM.

- If you make an error, the TAD beeps rapidly 5 times. Repeat Steps 2–5.

6. Press **FLASH/REMOTE** so the TALK/BATT LOW indicator turns off.

## SELECTING AN OUTGOING MESSAGE

The TAD has two prerecorded messages. One asks the caller to leave a message ("Hello, no one is available to take your call. Please leave your message after the tone."); the other is simply an announcement and does not let the caller leave a message ("Hello, no one is available to take your call."). You can also record your own message (see "Recording an Outgoing Message").

Use the **REC TIME** switch to select which message you want. When you set it to either **1** or **4** (minutes), the normal message is selected and the TAD records each incoming message for 1 or 4 minutes. When you set it to **ANN**, the announce-only message is selected.

### Recording an Outgoing Message

You can record your own message up to 1 minute long for the caller to hear when the TAD answers a call. Use the handset to record the message.

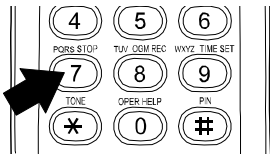
If you record an outgoing message, the TAD plays it instead of either of the prerecorded messages. Depending on the **REC TIME** switch setting, either tell callers to leave a message or state your message as an announcement.

**Hint:** Do not tell callers that you are not home. Instead, say that you cannot come to the phone right now.

Follow these steps to record your outgoing message.

1. Press **FLASH/REMOTE** on the handset so the TALK/BATT LOW indicator lights green.
2. Hold down **OGM REC/8** for about 2 seconds until the handset beeps. Then speak your outgoing message into the handset.

3. The TAD automatically stops recording after 1 minute, or you can press **STOP/7** when you finish the message. The handset beeps, plays back the message, then beeps again.




**Note:** If your message is less than 2 seconds long, the TAD does not recognize it as a new message and plays back the previous prerecorded message. Rerecord your message and make sure it is longer than 2 seconds.

4. Press **FLASH/REMOTE** so the TALK/BATT LOW indicator turns off.

To delete your personal message and use the prerecorded messages again, hold down **OGM REC/8** for about 2 seconds until the TAD beeps. Then, within 2 seconds, press **STOP/7**.

## SETTING THE TAD TO ANSWER CALLS

To set the TAD to answer calls, press **ANSWER** on the base. The TAD plays the outgoing message, then displays the number of currently recorded messages if you set the TAD to announce and record, or **A** if you set it to announce only.

You can also turn the TAD on and off from the handset. Press **REMOTE** so the TALK/BATT LOW indicator lights green. When the TAD announces the current outgoing message, press **ANSWER/6**, then press **FLASH/REMOTE** again.

**Notes:**

- If the incoming message memory has less than 5 minutes left, the TAD announces “Remaining time, xx minute(s)” when you set the TAD to answer calls (where xx is the number of minutes).
- If the incoming message memory is full (40 messages or less than 1 minute left), the TAD announces “No remaining time for incoming messages” and does not answer calls.

To turn off the TAD, press **ANSWER/6** on the handset or **ANSWER** on the base. The display goes blank and the TAD sounds a long beep.

## SCREENING CALLS

You can let the TAD answer calls for you while you listen to the caller’s message through the base’s speaker. If you decide to answer the call, lift the handset, press **TALK**, or pick up any phone on the same phone line as the TAD. The TAD stops recording and resets to answer the next call.

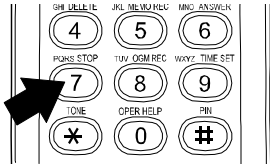
You can also use the handset to screen calls. When the TAD starts to answer a call, press **FLASH/REMOTE** on the handset and listen to the caller's message. If you decide to answer the call, press **TALK**. If you decide to hang up and let the TAD continue recording the caller's message, press **FLASH/REMOTE** again.

## RECORDING A MEMO

You can leave a message (memo) up to 4 minutes long, for yourself or others, using the handset. The memo is counted as one message and plays back with other messages (see "Playing Messages").

1. Press **FLASH/REMOTE** so the TALK/BATT LOW indicator lights green.
2. Press **MEMO REC/5**.

3. When the TAD beeps, speak into the handset.
4. When you finish recording your memo, press **STOP/7**. The TAD beeps again and the message number increases by one.




**Note:** The memo must be at least 2 seconds long to be recorded. If it is less than 2 seconds long, an error beep sounds.

5. Press **FLASH/REMOTE** so the TALK/BATT LOW indicator turns off.

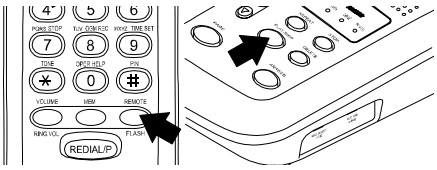
## PLAYING MESSAGES

After a new message is recorded, the TAD beeps about every 8 seconds (if **RING VOL** is set to **HI** or **LO**), and the number of all recorded messages flashes on the display.

**Notes:**

- The maximum number of messages that the display can show is 19. The number does not change after that even if you have received more messages.
- When the TAD receives 40 messages or the memory has less than 1 minute left, **F** (full) flashes on the display.

Press **PLAY/SKIP** on the base, or press **FLASH/REMOTE** then **PLAY/2** on the handset. The TAD announces the number of messages and whether the messages are old (already listened to) or new. Then each new message plays, followed by the day and time it was recorded.




When you have both old and new messages, the TAD first plays back only new messages. After you have listened to the new messages, you can listen to all messages (old then new) by pressing **PLAY** again.

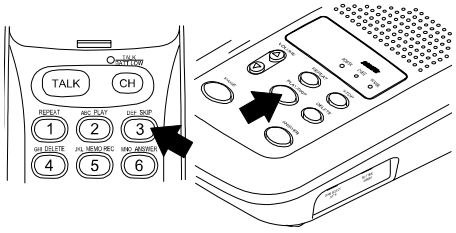
While playing back the messages, the display shows the number of the current message. For example, if you have a total of four messages (one old, three new), pressing **PLAY** displays **2** (the first new message).

If there are no messages when you press **PLAY**, five beeps sound and the TAD announces "You have no messages."

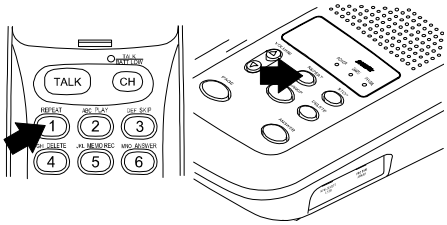
**Notes:**

- If the TAD detects a busy signal or silence for more than 7 seconds while recording a message, it stops recording and releases the call.
- When you play back messages using the handset, the message number does not appear on the display.

To skip to the next message, press **PLAY/SKIP** (or **SKIP/3** on the handset).

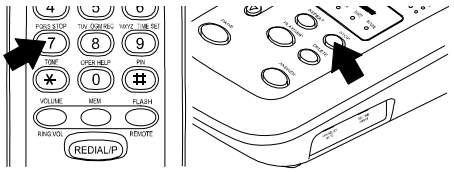



To play the current message again, press **REPEAT** (or **REPEAT/1** on the handset).



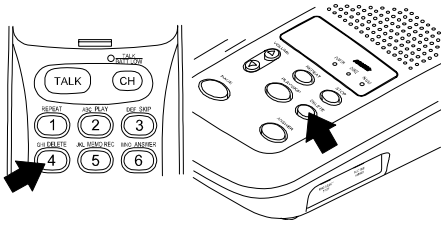

**Note:** If you press **REPEAT** within 2 seconds after a message begins playing, the TAD repeats the previous message.

After all messages have played, the TAD says "End of messages." To stop playback before the end of the messages, press **STOP** (or **STOP/7** on the handset).




## DELETING MESSAGES

To delete the current message, press **DELETE** (or **DELETE/4** on the handset) at any time during playback.

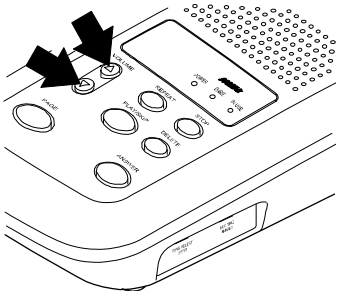



To delete all messages at once, while messages are not playing, hold down **DELETE** on the base until the TAD beeps and **0** appears.

**Note:** If the TAD has any messages that have not been played, it sounds five beeps and does not delete any messages.

## ADJUSTING THE TAD'S VOLUME

You can adjust the playback volume by repeatedly pressing **VOLUME** s/t on the base during message playback or call screening. The current volume setting appears on the display. Volume settings are from 1 to 15, silent to loud.



# REMOTE OPERATION

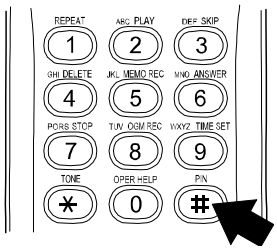
## USING THE TOLL-SAVER

When you call the TAD with **RING SELECT** set to **TS** (toll-saver), it answers after about two rings if you have new messages (ones you have not listened to). If there are no new messages, the TAD waits for about five rings before it answers. This gives you time to hang up before the TAD answers so you can avoid long-distance charges.

## SETTING THE REMOTE OPERATION PIN

The remote operation PIN (personal identification number) permits remote access to the TAD. The PIN can be any number from 00 to 99. The default setting is 00, but you can change it by following these steps.

1. Press **FLASH/REMOTE** on the handset so the TALK/BATT LOW indicator lights green.
2. Press **PIN/#** on the keypad, then enter your two-digit PIN.




3. Press **PIN/#** on the keypad again. A long beep sounds and your PIN is stored.

   **Note:** If you make an error, the TAD beeps 5 times. Repeat Steps 2 and 3 to enter the number correctly.

4. Press **FLASH/REMOTE** so the TALK/BATT LOW indicator turns off.

## ACCESSING THE TAD BY REMOTE

While you are away from the phone's base, you can use a touch-tone phone, or a pulse (rotary) phone with a pocket tone dialer, to enter your PIN and do any of the following:

- Set the TAD to answer calls
- Listen to your messages
- Record a new announcement
- Record a memo
- Erase messages
- Turn the TAD off

**Note:** You cannot access the TAD from another telephone on the same line as your TAD-1017.

1. Dial your phone number and wait for the TAD to answer.

   If the TAD is not set to answer calls, let the phone ring 10 times. The TAD automatically turns itself on to answer your call and sounds a series of beeps then turns off when you hang up (unless you set the TAD to answer calls).

2. When the outgoing message begins (or the TAD sounds a series of beeps), press # then enter your 2-digit PIN within 2 seconds.

   The message stops, and the TAD announces "You have xx new message(s)" (where xx is the numbers of messages) or "You have no messages," then plays a series of voice prompts to guide you through remote operation.

3. Press #, then, within 2 seconds, press the number key for the command you want.

| Press: | To: |
|---|---|
| **1** | Repeat current message. |
| **2** | Play messages and memos. |
| **3** | Skip current message during playback. |
| **4** | Delete current message during playback. |
| **5** | Record a memo. |
| **6** | Set the TAD to answer/not answer calls. |
| **7** | Stop playback of messages, memos, or the outgoing announcement; end recording of memo and outgoing announcement. |
| **8** | Record a new outgoing message. |
| **0** | Play the voice prompts again. |

**Notes:**

- You can enter the command while the TAD is announcing the number of messages or during the voice prompts.
- If you do not enter a command within 20 seconds after the voice prompts end, the TAD hangs up.
- The TAD stores all messages until you delete them.

# TROUBLESHOOTING

We do not expect you to have any problems with your TAD-1017, but if you do, try these suggestions. If you still have problems, take your TAD-1017 to your local RadioShack store for assistance.

| Problem | Suggestion |
|---|---|
| There is no dial tone. | Check all phone line connections. |
| | Make sure the AC adapter and battery pack are properly connected. |
| | Make sure the battery pack is properly charged. The handset loses the security access-protection code when the battery pack loses its charge. To correct this, place the handset on the base (see "Connecting and Charging the Battery Pack" on Page 12). |
| You hear noise in the handset, and none of the keys work. | Make sure the AC adapter and battery pack are properly connected. |
| | Press **CH** to change the channel (see "Changing the Channel" on Page 15). |
| Noise, static, or weak signal when the phone is away from the base. | Move the handset closer to the base or relocate the base. |
| Noise, static, or weak signal even when the phone is near the base. | Press **CH** to change the channel (see "Changing the Channel" on Page 15). |
| | Make sure the base's antenna is in a vertical position. |
| The TAD does not answer calls. | Make sure the TAD is turned on. |
| | Make sure the AC adapter and battery pack are properly connected. |
| | Check all phone line connections. |
| The TAD does not record callers' messages. | **REC TIME** is set to **ANN** (announcement only). Set it to **1** or **4**. |
| | Delete messages if memory is full. |

| Problem | Suggestion |
|---|---|
| The handset does not ring when you receive a call. | Make sure ringer is set to **HI** or **LO**. |
| | Check all phone line connections. |
| | Make sure the AC adapter and battery pack are properly connected. |
| | Unplug some of the other phones on the telephone line. |
| The caller's voice fades in and out. | Move the handset closer to the base or relocate the base (see "Selecting a Location" on Page 7). |
| You hear other calls while using your phone. | Press **CH** to change the channel (see "Changing the Channel" on Page 15). |
| | Try another phone connected to the same line. If you still hear other calls, the problem is probably in your wiring or local service. Contact your local telephone company. |

# CARE AND MAINTENANCE

Your RadioShack TAD-1017 900 MHz Cordless Telephone with Digital Answering System is an example of superior design and craftsmanship. The following suggestions will help you care for your TAD-1017 so you can enjoy it for years.

Keep the TAD-1017 dry. If it gets wet, wipe it dry immediately. Liquids might contain minerals that can corrode the electronic circuits.

Handle the TAD-1017 gently and carefully. Dropping it can damage circuit boards and cases and can cause the TAD-1017 to work improperly.

Use and store the TAD-1017 only in normal temperature environments. Temperature extremes can shorten the life of electronic devices and distort or melt plastic parts.

Keep the TAD-1017 away from dust and dirt, which can cause premature wear of parts.

Wipe the TAD-1017 with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the TAD-1017.

Modifying or tampering with the TAD-1017's internal components can cause a malfunction and might invalidate its warranty and void your FCC authorization to operate it. If your TAD-1017 is not performing as it should, take it to your local RadioShack store for assistance. If the trouble is affecting the phone lines, the phone company can ask you to disconnect the phone until you have resolved the problem.

# REPLACING THE BATTERY PACK

If you follow the instructions in "Connecting and Charging the Battery Pack" on Page 12, the battery pack should last about one year. If the battery pack does not hold a charge for more than 2 hours after an overnight charge, replace it with a 3.6 volt, 600 mAh battery pack with a connector that fits the socket in the battery compartment, such as Cat. No. 23-193. You can order a replacement through your local RadioShack store.

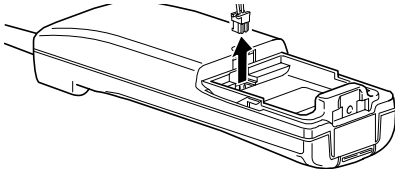
Install the new battery pack as follows, then charge the battery for about 18 hours (see "Connecting and Charging the Battery Pack" on Page 12).

**Notes:**

- If you have trouble replacing the battery pack, take the phone to your local RadioShack store for assistance.
- To avoid losing phone numbers stored in memory, install and begin charging the new battery pack within 3 minutes.

1. Use a Phillips screwdriver to remove the screw on the battery compartment cover on the bottom of the handset, and slide off the cover in the direction of the arrow.

2. Lift the battery pack from the compartment and gently pull on the battery connector to disconnect it from the socket.



3. Plug the new battery pack's plastic connector into the socket and place the battery pack into the compartment.
4. Replace the cover and tighten the screw.

**Cautions:**

- You must use a replacement battery pack of the same size and type.
- Do not burn or bury a battery pack.
- Be careful not to short the battery pack by touching it with conducting materials, such as rings, bracelets, and keys. The battery or conductor might overheat and burn.

**Important:** This product contains a rechargeable nickel cadmium battery. At the end of the battery's useful life, it must be recycled or disposed of properly. Contact your local, county, or state hazardous waste management authorities for information on recycling or disposal programs in your area. Some options that might be available are: municipal curb-side collection, drop-off boxes at retailers such as your local RadioShack store, recycling collection centers, and mail-back programs.

## THE FCC WANTS YOU TO KNOW

In the unlikely event that your phone causes problems on the phone line, the phone company can temporarily discontinue your service. The phone company normally attempts to notify you in advance. If advance notice is not practical, the phone company notifies you as soon as possible and advises you of your right to file a complaint with the FCC.

Also, the phone company can make changes to its lines, equipment, operations, or procedures that could affect the operation of this telephone. The phone company normally notifies you of these changes in advance, so you can take the necessary steps to prevent interruption of your phone service.

Your phone might cause TV or radio interference even when it is operating properly. To determine whether your phone is causing the interference, turn off and unplug your phone and disconnect the handset battery. If the interference goes away, your phone is causing it.

Try to eliminate the interference by:

- Moving your phone away from the receiver
- Connecting your phone to an AC outlet that is on a different electrical circuit from the receiver
- Contacting your local RadioShack store for help

Some cordless telephones operate on frequencies that may cause interference to nearby TVs and VCRs. To minimize or prevent such interference, the base of the cordless telephone should not be placed near or on top of TVs or VCRs. If interference is experienced, moving the cordless telephone farther away from the TV or VCR will often reduce or eliminate it.

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## LIGHTNING

Your TAD-1017 has built-in lightning protection to reduce the risk of damage from surges in phone and power line current. This protection meets or exceeds FCC requirements. However, lightning striking the phone line or power lines can damage your phone.

Lightning damage is not common. Nevertheless, if you live in an area that has severe electrical storms, we suggest that you unplug your phone during storms to reduce the possibility of damage.

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# NOTES

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## Limited One-Year Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for one (1) year from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow the limitations on how long an implied warranty lasts or the exclusion of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

RadioShack Customer Relations, Dept. W, 100 Throckmorton St., Suite 600, Fort Worth, TX 76102

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**Fort Worth, Texas 76102**

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